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Weighed rotating bowls MCPI Fine dosing

« The fine art of fine dosing »

How it works?

Dedicated to the precise weighing of solids materials. The weight measurement is made with a resolution of +/- 1 gram. Emptying is carried out with the rotation of the bowl.

Application:

Smart system to transform volumetric feeders in accurate gravimetric feeders, and secure the process.

With MCPI batch controller, it is possible to control the dosing sequence of up to 9 feeders associated with one weighed rotating bowl.

Designed for unfailing reliability under harsh operating conditions, MCPI weighed rotating bowls offer significant added value for a low cost of investment.



Batch controller: To manage the dosing sequence of several feeders associated with one weighed bowl.

Plus...

A smooth rotating motion - and an precise measure. ◀

High reliability - maintenance free system. ◀

Hygienic design, fast dismantling of the bowl ◀

MCPI batch controller, with traceability function, secured with passwords. ◀



Technical data:

Weighing range	50 kg +/- 1 gram
Volume of the bowl	10 –20 –30 l
Standards and norms	CE - Hygienic design according to the rules of EHEDG
Mechanical locking of the bowl in weighing position	Yes
Overload stops of the scale	yes
Decoupling arrangement of the scale	yes
Fast dismantling of the bowl	Yes

MCPI batch controller HMI with colour touch screen.	<ul style="list-style-type: none"> • For the control of up to 9 feeders, • The feeding sequence of the feeders can be freely organized • For each feeder: 3 feeding flows (coarse, medium / fine) and automatic calculation of overshoot. • Mémorization of 100 recipes . • Traceability : memorization of 800 000 feeding results. Data exchange with USB stick as .csv file compatible with Microsoft Excel. • Protection with 3 separate passwords.
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